

ITEM NO: \_\_\_\_\_

PREPARED BY: LEE HINSON

APPROVED BY: \_\_\_\_\_

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**Resolution appropriating funds in the amount of \$100,000.00 from the FY 2007-2008 Budget for Account #010-300101-6634, Public Works Director and Staff to the Shelby County Soil Conservation District to Cost Share the Repairs and Improvements to Mary's Creek Dam #7 with the Federal Government Natural Resources Conservation Services (NCRS) and amending the FY 2007-2008 Budget, and this item requires expenditure of General Funds in the amount of \$100,000.00.**

**This Resolution is sponsored by Commissioner Wyatt Bunker.**

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**WHEREAS**, It is necessary to repair Mary's Creek Dam #7 which has exceeded its designed life; and

**WHEREAS**, The Federal Government Natural Resources Conservation Service (NCRS) has agreed to cost share the \$319,243.00 cost of construction with Shelby County; and

**WHEREAS**, It is necessary to appropriate funds in the amount of \$100,000.00 from the FY 2007-2008 Budget for Account #010-300101-6634, Public Works Director and Staff; and,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF SHELBY COUNTY, TENNESSEE**, That the allocation for Account #010-300101-6634, Public Works Director and Staff is decreased by \$100,000.00 and the Shelby County Soil Conservation District Account #010-301101-6634 is increased by the same amount.

**BE IT FURTHER RESOLVED**, That funds in the amount of \$100,000.00 are hereby appropriated from FY 2007-2008 Budget for Shelby County Soil Conservation District for the County's cost share of the repairs and improvement to Mary's Creek Dam #7.

**BE IT FURTHER RESOLVED**, That the County Mayor and the Director of Administration and Finance are authorized to issue their warrant or warrants in amounts not to exceed \$100,000.00 for the purposes contained in this resolution to Federal Government Natural Resources Conservation Service (NCRS) and to take proper credit in their accounting therefore.

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**A C Wharton, Jr.**

**County Mayor**

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Clerk of County Commission

ADOPTED: \_\_\_\_\_

## **SUMMARY SHEET**

### **I. Description of Item**

**Resolution appropriating funds in the amount of \$100,000.00 from the FY 2007-2008 Budgeted for Account #010-300101-6634, Public Works Director and Staff to the Shelby County Soil Conservation District to Cost Share the Repairs and Improvements to Mary's Creek Dam #7 with the Federal Government Natural Resources Conservation Service (NCRS) and amending the FY 2007-2008 Budget.**

### **II. Source and Amount of Funding**

FY 2007-2008 Budget for Account #010-300101-6634, Public Works Director and Staff

### **III. Contract Items**

n/a

### **IV. Additional Information Relevant to Approval of this Item**

**Mary's Creek Dam #7 is located is located west of Collierville-Arlington Road, north of Spring Mill Farms subdivision, south of Macon Road, and east of Reid Hooker Road. This watershed dam has exceeded its designed life and requires improvements to continue its operation. The total cost of the improvements are to be cost shared between Shelby County Government and the Federal Government Natural Resources Conservation Service (NCRS) for a total project cost of \$319,243.00. The cost to Shelby County Government will be \$100,000.00.**

**The Mary's Creek watershed is located in an area considered to be among the fastest growing areas in Shelby County. Five year trend data indicates that the east central area of the County (in which Mary's Creek is located) supports increased levels of residential development more than double the percent of the next most active area. In 2004 the population for the Gray's Creek watershed (Mary's Creek drains into Gray's Creek) was 22,966 persons. The 2020 projection is 47,310 persons, and the 2040 projection is 72,717 persons.**

**New residences are being built a minimum of one foot above the present 100 year floodplain. Increased runoff from upstream urbanization may increase the elevation of the 100 year floodplain causing flooding of present future homes. Upstream development will impact runoff rates while new downstream homes and infrastructure will be more likely to receive damages from high rainfall events or catastrophic breach of the dam. Because of the potential of downstream flooding**

**and damage to residences, it was determined that the improvements and repairs were necessary rather than decommissioning the dam.**

**Copies of the following documents are attached and incorporated as collective Exhibit “B”:**

- 1) Notification letter of cost share funds approval.**
- 2) Summary of Watershed Plan**
- 3) Area Map**